

**PCT**  
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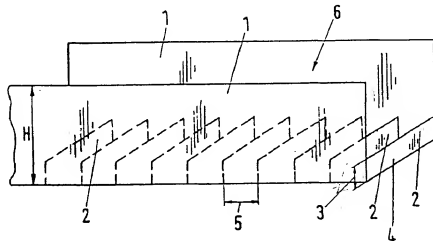
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<p>(21) Internationales Aktenzeichen: <b>PCT/EP99/04578</b></p> <p>(22) Internationales Anmeldedatum: <b>2. Juli 1999 (02.07.99)</b></p> <p>(30) Prioritätsdaten: 198 30 382.3      8. Juli 1998 (08.07.98)      DE</p> <p>(71) Anmelder (für alle Bestimmungsstaaten ausser US): <b>DEUTSCHE MONTAN TECHNOLOGIE GMBH (DE/DE); Franz-Fischer-Weg 61, D-45307 Essen (DE).</b></p> <p>(72) Erfinder; und (75) Erfinder/Anmelder (nur für US): <b>GIERTZ, Hans-Josef (DE/DE); Alter Kirchweg 37, D-40880 Ratingen (DE). GEORGE, Jürgen (DE/DE); Jägerhof 8, D-44866 Bochum (DE). RUTHEMANN, Klaus-Dieter (DE/DE); Essener Strasse 7, D-45899 Gelsenkirchen (DE).</b></p> <p>(74) Anwälte: <b>PALGEN, Peter usw.; Frühlingsstrasse 43A, D-45133 Essen (DE).</b></p>		
<p>(81) Bestimmungsstaaten: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO Patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), eurasisches Patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), europäisches Patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI Patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p><b>Veröffentlicht</b> <i>Mit internationalem Recherchenbericht.</i> <i>Vor Ablauf der für Änderungen der Ansprüche zugelassenen Frist: Veröffentlichung wird wiederholt falls Änderungen eintreffen.</i></p>		

(54) Titel: **LEVELLER BAR FOR COKING OVENS**

(54) Bezeichnung: **PLANIERSTANGE FÜR VERKOKUNGSÖFEN**

(57) Abstract

The invention relates to a levelling bar for coking ovens, for levelling the cones of discharged coal which form under the filling holes of the oven chamber during the filling process. The levelling bar consists of two cheeks, such as plates (1), which extend essentially over the entire length of the oven chamber and which are arranged at a distance from each other depending on the width of the oven chamber, and parallel to each other. They are also interconnected and are essentially vertical. The levelling bar also has transversal coal carriers (2) which are arranged in the intermediate space delimited by the cheeks (1) at a mutual distance, one behind the other and which only extend over part of the cross-sectional surface of the levelling bar formed between the cheeks (1). The height (3) of the coal carriers (2), which take up the entire interval between the cheeks, is less than the height (H) of the cheeks (1) and the cheeks form a gas channel (6) above the coal carriers (2) which is essentially free of built-in components.



(3) The height (3) of the coal carriers (2), which take up the entire interval between the cheeks, is less than the height (H) of the cheeks (1) and the cheeks form a gas channel (6) above the coal carriers (2) which is essentially free of built-in components.